

Amendments to the Claims

Please amend the claims as shown below.

1. (Withdrawn) An availability control check system, comprising:

a first database storing a revenue budget, the database organized into first nodes each of which stores an individually addressable budget value,

a second database storing revenue postings, the database organized into second nodes each storing an individually addressable aggregation of revenue, and

an AVC ledger comprising control objects, each control object including pointers to select nodes of the first and second databases, and AVC rules for each control object, each AVC rule including a test field identifying a test relationship that is desired to be maintained between addressed values of the first and second database and a response field.
2. (Withdrawn) The availability control check system of claim 1, further comprising an AVC manager to execute AVC rules represented by the control objects of the associated AVC rule sets.
3. (Withdrawn) The availability control check system of claim 1, wherein the control objects further comprise a field representing a filtering condition that must be met to trigger execution of a corresponding AVC rule.
4. (Withdrawn) The availability control check system of claim 1, further comprising additional AVC ledgers, each comprising control objects, each control object including pointers to select nodes of the first and second databases, and AVC rules for each control object, each AVC rule including a test field identifying a test relationship that is desired to be maintained between addressed values of the first and second database and a response field.
5. (Withdrawn) The availability control check system of claim 1, wherein the AVC ledger includes a database storing aggregations of revenue posting values and revenue budget values that are operands to the control objects and the AVC rules therein.
6. (Currently Amended) An enterprise management system, comprising:

a transaction manager to receive new revenue transactions posted by an organization,

an Availability Control(AVC) manager, responsive to a new revenue transaction to execute an AVC rule represented by a control object, the AVC rule causing a comparison of previously-posted revenue of the organization and revenue of the new transaction with a revenue budget limit to how much revenue may be posted for the control object and, if the comparison fails a relationship defined ~~for~~ by the AVC rule, causing the transaction manager to reject the new revenue transaction.

7. (Currently Amended) The enterprise management system of claim 6, further comprising an AVC ledger comprising a database storing control objects and aggregations of revenue postings ~~and revenue budget values~~ that are operands to the control objects, the aggregations generated for executing the AVC rule.

8. (Cancelled)

9. (Cancelled)

10. (Currently Amended) An Availability Control (AVC) method, comprising:

responsive to a proposed postings of revenue ~~or of revenue budget~~, determining whether the revenue calculation for any control objects address addresses the proposed posting,

executing AVC rules ~~for represented by~~ each identified control object, the AVC rules testing whether the proposed postings of revenue would exceed revenue limits for the control object, and

if any AVC rule is violated by the posting and if the AVC rule identifies an error as a response thereto, blocking the posting from being admitted.

11. (Currently Amended) The AVC method of claim 10, wherein the executing comprises:

generating a postings operand from an aggregation of previously-admitted postings values addressed by the control object,

~~generating a budget operand from an aggregation of revenue budget values addressed by the control object, the aggregation revised by the proposed posting, and~~

determining whether the postings operand ~~and the budget operand satisfy~~ satisfies a test relationship specified for the control object.

12. (Currently Amended) The AVC method of claim 10, wherein the executing comprises:

generating a postings operand from an aggregation of previously admitted postings values addressed by the control object and from a new revenue posting value,

~~generating a budget operand from an aggregation of revenue budget values addressed by the control object, and~~

determining whether the postings operand ~~and the budget operand~~ satisfies ~~satisfy~~ a test relationship specified for the control object.

13. (Original) The AVC method of claim 12, further comprising storing the postings operand in a ledger storage device associated with the control object.

14. (Cancelled)

15. (Original) The AVC method of claim 10, further comprising performing the determining, the executing and, if necessary the blocking for each of a plurality of AVC rule sets in an enterprise management system.

16. (Currently Amended) A computer readable medium storing program instructions that, when executed, cause an executing device to:

responsive to a proposed postings of revenue ~~or of revenue budget~~, determine whether the revenue calculation for any control objects address addresses the proposed posting,

execute Availability Control (AVC) rules ~~for represented by~~ each identified control object, the AVC rules testing whether the proposed postings of revenue would exceed revenue limits for the control object, and

if any AVC rule is violated by the posting and if the AVC rule identifies an error as a response thereto, block the posting from being admitted.

17. (Currently Amended) The computer readable medium of claim 16, having instructions that further cause the executing device to:

generate a postings operand from an aggregation of previously-admitted postings values addressed by the control object,

~~generate a budget operand from an aggregation of revenue budget values addressed by the control object, the aggregation revised by the proposed posting, and~~

determine whether the postings operand ~~and the budget operand satisfy~~ satisfies a test relationship specified for the control object.

18. (Currently Amended) The computer readable medium of claim 16, having instructions that further cause the executing device to:

generate a postings operand from an aggregation of previously-admitted postings values addressed by the control object and from a new revenue posting value,

~~generate a budget operand from an aggregation of revenue budget values addressed by the control object, and~~

determine whether the postings operand ~~and the budget operand satisfy~~ satisfies a test relationship specified for the control object.

19. (Original) The computer readable medium of claim 16, having instructions that further cause the executing device to store the postings operand in a ledger storage device associated with the control object.

20. (Cancelled)

21. (Original) The computer readable medium of claim 16, having instructions that further cause the executing device to perform the determination, the execution and, if necessary the blocking for each of a plurality of AVC rule sets in an enterprise management system.